

SEQUENCE LISTING

<110> Aphton Corporation

<120> Liposomes for Vaccine

<130> 1102865-0059

<160> 14

<170> PatentIn version 3.0

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<211> 17

<212> PRT

<213> Homo sapiens

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<222> (1)..(1)

<223> Pyroglutamic acid or 5-oxoproline

<220>

<221> MOD_RES

<222> (17)..(17)

<223> Amidated phenylalanine

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<223> Pyroglutamic acid or 5-oxoproline

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<212> PRT

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<223> Pyroglutamic acid or 5-oxoproline

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Xaa	Gly	Pro	Trp	Leu
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<210> 4

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<400> 4

Xaa Gly Pro Trp Leu Glu
1 5

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Xaa Gly Pro Trp Leu Glu Glu
1 5

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linked to a spacer peptide and conjugated to Diphtheria toxoid
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<400> 6

Xaa Gly Pro Trp Leu Glu Glu Glu
1 5

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<400> 7

Xaa Gly Pro Trp Leu Glu Glu Glu Glu
1 5

<210> 8
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<212> PRT
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<222> (1)..(1)
<223> Pyroglutamic acid or 5-oxoproline

<400> 8

Xaa Gly Pro Trp Leu Glu Glu Glu Glu Glu
1 5 10

<210> 9
<211> 6
<212> PRT
<213> Artificial, hypothetical

<220>
<223> Synthetic peptide spacer

<400> 9

Arg Pro Pro Pro Pro Cys
1 5

<210> 10
<211> 7
<212> PRT
<213> Artificial, hypothetical
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<223> Synthetic peptide spacer

<400> 10
Ser Ser Pro Pro Pro Pro Cys
1 5

<210> 11
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<220>
<223> Synthetic peptide spacer

<400> 11

Ser Pro Pro Pro Pro Pro Pro Cys
1 5

<210> 12
<211> 22
<212> PRT
<213> Homo sapiens

<220>
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<223> Pyroglutamic acid or 5-oxoproline

<400> 12

Xaa Leu Gly Pro Glu Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys Glu
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Gly Pro Trp Leu
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 <222> (13)..(13)
 <223> Cysteine is conjugated to Diphtheria toxoid

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Cys Pro Pro Pro Pro Ser Ser Glu Leu Gly Pro Glu Gly
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<210> 15
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 <213> Homo sapiens

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 <223> Pyroglutamic acid or 5-oxoproline

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 <222> (10)..(10)

<223> Amidated glycine or glycinamide

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1 5 10

<210> 16

<211> 35

<212> PRT

<213> Artificial

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<301> U.S. Patent 4,767,842

<302> Anti-peptide antibodies specific for the human chorionic gonadotropin hormone C-terminal fragment (Structure II) corresponding to 111-145 Sequence of the beta subunit.

<400> 16

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Ser Leu Pro Ser Pro Ser Arg Leu Pro Gly Pro Ser Asp Thr Pro Ile Leu Pro Gln
20 25 30 35

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<212> PRT

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<220>

<223> Synthetic peptide of amino acid sequence 138-145 of human chorionic gonadotropin hormone linked to a spacer peptide and conjugated to Diphtheria toxoid

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<223> 5-oxoproline

<220>

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<222> (16)..(16)

<223> Cysteine is conjugated to Diphtheria toxoid

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<210> 18

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<220>

<223> Synthetic peptide of amino acid sequence of gastrin 17 linked to a spacer peptide conjugated to Diphtheria toxoid

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 <400> 18

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<210> 19
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Cys Pro Pro Pro Pro Ser Ser Glu His Trp Ser Tyr Gly Leu Arg Pro Xaa
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<210> 20
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<220>
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<220>
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<400> 20

Cys Pro Pro Pro Pro Ser Ser Ser Asp Thr Pro Ile Leu Pro Gln
 1 5 10 15